

XP-002331290

ID AAI80740 standard; cDNA; 2416 BP.

XX AAI80740;

XX 06-NOV-2001 (first entry)

DE Human polynucleotide SEQ ID NO 800.

XX Human; cytokine; cell proliferation; cell differentiation; gene therapy;
 KW vaccine; peptide therapy; stem cell growth factor; haematopoiesis;
 KW tissue growth factor; immunomodulatory; cancer; leukaemia;
 KW nervous system disorders; arthritis; inflammation; ss.

OS Homo sapiens.

XX WO200164835-A2.

PD 07-SEP-2001.

XX 26-FEB-2001; 2001WO-US004927.

PR 28-FEB-2000; 2000US-00515126.

PR 18-MAY-2000; 2000US-00577409.

XX (HYSE-) HYSEQ INC.

PI Tang YT, Liu C, Drmanac RT;

DR WPI; 2001-514838/56.

DR P-PSDB; AAO00809.

XX Isolated nucleic acids and polypeptides, useful for preventing diagnosing
 PT and treating e.g. leukemia, inflammation and immune disorders.

PS Claim 1; SEQ ID NO 800; 1399pp + Sequence Listing; English.

XX The invention relates to human polynucleotides (AAI79941-AAI93841) and
 CC the encoded proteins (AAO00010-AAO13910) that exhibit activity elating to
 CC cytokine, cell proliferation or cell differentiation or which may induce
 CC production of other cytokines in other cell populations. The
 CC polynucleotides and polypeptides are useful in gene therapy, vaccines or
 CC peptide therapy. The polypeptides have various cytokine-like activities,
 CC e.g. stem cell growth factor activity, haematopoiesis regulating
 CC activity, tissue growth factor activity, immunomodulatory activity and
 CC activin/inhibin activity and may be useful in the diagnosis and/or
 CC treatment of cancer, leukaemia, nervous system disorders, arthritis and
 CC inflammation. Note: The sequence data for this patent did not form part
 CC of the printed specification, but was obtained in electronic format
 CC directly from WIPO at ftp.wipo.int/pub/published_pct_sequences

XX Sequence 2416 BP; 732 A; 506 C; 520 G; 658 T; 0 U; 0 Other;

gggacctgcc	gtcgcccccg	ttcgagggtg	aagccccggg	cctaggactc	gacccccagc	60
atccacacgg	gcctctttcc	tttcccggtc	cattccgctg	tcattttgac	ctgggggtcc	120
cctccagccc	ctgcctctgt	ttccttccca	gcacccagg	gccgagggtga	gggaggggag	180
tgtgagaagt	cgggccgagg	cccaggggac	tggttaggag	cgggttccc	tcggaatctg	240
gggttttagg	agccctcgat	cgccatggcg	tcccagaagt	tagccaccag	gactcagcca	300
tttccacctg	aaaccagttt	tgcacctatt	gttttgattt	tgaactgtct	ttcgagggga	360
ggagggagcc	cgcgctactg	gggagaatat	gtagtgggag	gtgggatgtg	aggaggagct	420
ggctggggtt	ggtctcggcc	tcaggatgcc	ccctgttaac	ccctgttaga	taggggaaag	480
aggtgcagcg	agttgcacct	tccctaaagg	gccagagatt	cgtttatagc	ttgcgaatct	540
ctgctttttc	agcctcggta	aaggggtatc	atttgtggtt	ggtttggttc	gtcccttaac	600
aacattcttg	gtgaggaatt	ccaggtgtaa	ctgcccacgg	agtgaagcag	cccacttgag	660
ctgttggtga	ccccggcccc	ccgcaacgcc	cgttggcttt	tgtgacacgt	tacacgttag	720
tggttggtga	gcttagccgt	cagaggtacc	tgtaccataa	gcattctctc	gaaaggtatt	780
aatctcttga	gaagacacat	ccacagttag	cactttcttc	agatgctgac	gctcggtgaa	840
cagttgcctt	tggtcacaa	atttagaaga	cacagtgtcc	atcctcccag	attggatctc	900
tttttcatat	ggatcttctg	tttctatgtc	tttttaaaaa	ataacttttt	gggaaacctt	960
ttggattaca	actgttctat	ctcacctatg	caaagaaagg	gaagctattg	ctgggatttt	1020
gaggagatgg	tcttagaaca	attggagatt	catagcgaca	caaagaacct	caacctttac	1080
ctcacaccag	acacaaaagc	taccttcaaa	taaatacatg	gcctaacttg	aagagctaaa	1140
accatgcaac	tcagaaaagt	tttgtcaga	aagaaaatac	aggagaaaat	cctagtgaac	1200
ttggggtagg	caaatgtttc	ttaagacaca	aaaagcatgg	aagtataaag	ggggaaaaaa	1260
tcgctaattt	ggaatttcac	caagttaaaa	acttttaatc	tttgaaagat	acctttaaga	1320
aaatgaaaaa	gtacgccttg	ggctgggaga	aaatatttgc	agaacgtgtg	tctgacagag	1380
gatgtgtatc	tagaagatat	aaagaattgt	aactcaagaa	ttgaaagaca	accccataag	1440
aaaaggggga	aaacaatttg	ataaagttca	tcaaagaata	taaattggca	ataagcacat	1500
gaaaagatgc	ccaaagtcgt	aagtcattag	ggaaatataa	atttaaacca	taatgagata	1560
ccactgcata	ctccctagaa	tggctgtaat	gaataggatt	agtcacatgg	tgacaagaat	1620
ggaggatcat	ctggaactct	catacactga	ccgataggaa	tgtgaaatgg	atcaactact	1680
ttggaagaca	attgggcagt	ttctttcaaa	gtaaatgtga	agatgccata	ccgattcatc	1740
cattccattt	ctaattatc	aagagaaatg	aaactgtata	tccacaaaaa	agacttgta	1800
acaaacattc	acagcagcta	ttatttatgt	gtaatatgta	aaaactgtaa	acagctccca	1860
tatccatcaa	gtgtatggat	ataacaaattt	gggtgattta	taccaatgga	ataactactg	1920
gcaataaaaa	gaacagttga	tactctcaac	aacctagatg	gacctcaaaa	taattcggtt	1980
taatgaatga	agccaaactt	aagaagagta	cattgtatgt	acttgagaaa	ctaactttct	2040

Best Available Copy